



Natural Compounds in Cancer Therapy and Prevention 2.0

Guest Editors:

Dr. Federica Finetti

Department of Biotechnology,
Chemistry and Pharmacy,
University of Siena, 53100 Siena,
SI, Italy

Dr. Lorenza Trabalzini

Department of Biotechnology,
Chemistry and Pharmacy,
University of Siena, 53100 Siena,
SI, Italy

Deadline for manuscript
submissions:

15 June 2024

Message from the Guest Editors

Due to the lack of effective therapeutic strategies for many types of cancer, and the side effects associated with the use of current chemotherapy, efforts are necessary to identify new therapeutic approaches. In this context, natural extracts represent a source of new chemical identities that could represent starting blocks for the development of new anticancer drugs. Similarly, it is well known that natural extracts may provide a huge benefit in terms of cancer prevention, mainly by exerting antioxidant and anti-inflammatory activity. In this context the identification and the biological characterization of new compounds from mixtures and extracts, and the evaluation of their protective and therapeutic effects in cancer progression, is of great big interest. Potential topics include but are not limited to: the anticancer activity of natural compounds; the effects of natural compounds on tumor growth and migration; antimetastatic activity of natural compounds; natural products in cancer prevention; the isolation and identification of pharmacologically active compounds from natural extracts; drug discovery; and the immunomodulatory activity of natural compounds.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI